

What is claimed is:

1. A light emitting diode device comprising:  
a body having a recess;  
the body comprising a pair of half bodies made of metal,  
5 an insulation layer provided between the half bodies;  
an LED provided on a bottom of the recess;  
connecting means for connecting the LED with the half  
bodies;  
a sealing resin for sealing the connecting means; and  
10 a transparent sealing plate for closing the recess.
2. The device according to claim 1 wherein the  
recess is formed into a semispherical shape.
3. The device according to claim 1 wherein the  
recess is formed into an inverted truncated cone.
- 15 4. The device according to claim 1 wherein the  
sealing plate has a convex lens.
5. The device according to claim 1 wherein the  
connecting means are bumps.
6. A method for manufacturing a light emitting  
20 diode device comprising the steps of:  
preparing a body assembly 11 having a plurality of LED  
device areas formed by pressing a metal plate;  
forming a recess in each of the LED areas;  
forming slits in areas arranged on a predetermined  
25 line except both side edges;  
charging a resin in each slit;  
the wall of the mounting an LED on a bottom of the recess  
by bumps;

charging a sealing resin under the LED;  
securing a transparent sealing plate on the body  
assembly; and  
dividing each area from the body assembly.

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